

15 August 2022

VIA EMAIL

ERM Reference No. 0547409/0621361

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Mr. Julio Vazquez
Remedial Project Manager
Superfund & Emergency Management Division
EPA – Region 2, 290 Broadway, 19th Fl, New York, NY 10007-1866



Re: Monthly Progress Report – July 2022
Group B Respondents for Central Plume:
(Arkwin Industries, Inc., Tishcon Corporation and Patel Trust July 29, 1977)
Group C Respondents for Eastern Plume:
(101 Frost Street Associates, L.P. and Next Millennium Realty LLC)
New Cassel Hicksville Groundwater Contamination Superfund Site - Operable Unit 1
Unilateral Administrative Order for a Remedial Design - Index No. CERCLA-02- 2018-2015

Dear Mr. Vazquez:

On behalf of the above referenced Group B & C Respondents, and in accordance with the Statement of Work attached to the above referenced Unilateral Administrative Order (UAO), this letter transmits the July 2022 Monthly Progress Report for the New Cassel Hicksville Groundwater Contamination Superfund Site - Operable Unit 1 (Site).

OPERABLE UNIT 1 REMEDIAL DESIGN – PROGRESS/ACTIVITIES DURING REPORTING PERIOD

Eastern Plume Group

- PDI-43/MW-43
 - Sampled through 480 feet below ground surface (bgs).
 - Performed gamma log.
 - Installed monitoring wells MW-43S and MW-43D.
- PDI-41/MW-41
 - Mobilized to basin and began drilling.
 - Collected water table groundwater sample (45 feet bgs) and drilled to 35 feet bgs.
- PDI-45/MW-45
 - Field reconnaissance for revised location on Grand Boulevard.

Central Plume Group

- Completed groundwater sampling at PDI-33 at 440 feet bgs but the groundwater sample was highly turbid. A subsequent second attempt was made to collect a groundwater sample from 450 feet bgs. Upon recovery of the sampling tool from the 450-foot interval it was noted that approximately six to eight inches of the drive-point end of the sampler had broken off and was left in the bore, so no groundwater sample was collected.
- Attempts to recover the broken tool by pushing the four-inch core barrel over it and/or push it out of the way failed. The object was acting as an obstruction and the driller was unable to advance the six-inch outer casing. Attempts to recover the broken sampling tool using a fishing tool failed, and at that point, it was not possible to advance the borehole any further.
- Gamma logged PDI-33 to help correlate analytical data and geologic data for determination of monitoring well screen zone(s).

- Following discussion with EPA it was agreed that this hole could be terminated at 450 feet bgs and to set a well screened from 176 -186 feet bgs, which was the zone coincident with the observed peak VOC concentrations.
- On 18 July 2022, EPA issued an email informing the Central Plume Respondents that based on the data obtained from PDI-33, EPA determined that the drilling of PDI-30 and installation of MW-30 is necessary for this PDI effort.
- Mobilized to PDI-36 and commenced geologic/groundwater profiling boring.

UPCOMING ACTIVITIES – AUGUST 2022

Eastern Plume Group

- PDI-41/MW-41
 - Complete groundwater sampling to required depth.
 - Perform gamma log.
 - Install monitoring well(s).
- PDI-45/MW-45
 - Community outreach (door to door visit and fact sheet update)
 - Utility mark-out and 811.
 - Mobilize and begin drilling.

Central Plume Group

- PDI-36
 - Complete groundwater sampling at PDI-36.
 - Gamma log PDI-36 to help correlate analytical data and geologic data for determination of monitoring well screen zone(s).
 - Discuss and select monitoring well screen interval with EPA for a monitoring well at PDI-36.
 - Complete PDI-36 with well installation and site restoration.
- PDI-30
 - Mobilize to PDI-30 and commence geologic/groundwater profiling boring.
 - Provide regular draft geologic/ preliminary unvalidated groundwater profiling data updates to EPA to determine the monitoring well screen interval at location PDI-30.
 - Complete PDI-30 with well installation and site restoration.

If you should have any questions or wish to discuss the content of this progress report, please do not hesitate to call me at (631) 756-8920.

Sincerely,



Chris W. Wenczel, P.G.
Consulting Director/Hydrogeologist/Project Coordinator

cc: Sharon Kivowitz, Esq., USEPA
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